

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A video data file integrating apparatus for integrating original un-integrated video data files and original un-integrated management information files associated therewith having a data format of an original un-integrated directory file structure recorded in a first recording medium, into a data format of a different directory file structure to be recorded in a second recording medium, said apparatus comprising:

a conversion processor that converts said original un-integrated management information files and the original un-integrated video data files into an integrated management information file and an integrated video data file, respectively,

wherein said conversion processor converts the original un-integrated directory file structure corresponding to the first recording medium into reproduction control information, which is used in reproducing said integrated video data file and for recovering the original un-integrated directory file structure, in a data format of said integrated management information file so as to be recorded in the second medium in the integrated management information file.

2. (Currently Amended) A video data file integrating apparatus for integrating original un-integrated video data files and original un-integrated management information files associated therewith having a data format of an original un-integrated directory file structure, into a data format of a different directory file structure, said apparatus comprising:

a first recording medium that records said original un-integrated video data files and the original un-integrated management information files associated therewith;

a second recording medium that records an integrated video data file and an integrated management information file associated therewith;

a first reading/writing unit that reads and writes the original un-integrated video data files and the original un-integrated management information files from and to said first recording medium;

a second reading/writing unit that reads and writes the integrated video data file and the integrated management information file from and to said second recording medium; and

a conversion controller that controls conversion of the original un-integrated video data files and the original un-integrated management information files recorded in said first recording medium into an integrated data format used in said second recording medium, and controls inverse conversion thereof,

wherein said conversion controller performs conversion of said original un-integrated management information files into said integrated management information file, and performs conversion of said original un-integrated video data files into said integrated video data file, and when integrating into said integrated management information file and said integrated video data file to be recorded in the data format used in said second recording medium, said conversion controller converts information relating to the original un-integrated directory file structure before the conversion into reproduction control information, which is used in reproducing said integrated video data file and for recovering the original un-integrated directory file structure and which is recorded and added to said integrated management information file.

3. (Currently Amended) A video data file integrating method for integrating original video data files and original management information files associated therewith having a data format of an original un-integrated directory file structure recorded in a first medium into a data format of a different directory file structure to be recorded in a second recording medium, the method comprising:

converting the original un-integrated management information files and the original un-integrated video data files to an integrated management information file and an integrated video data file, respectively; and

converting the original un-integrated directory file structure corresponding to the first recording medium into reproduction control information, which is used in reproducing the integrated video data file and for recovering the original un-integrated directory file structure, in a data format of the integrated management information file so as to be recorded in the second medium in the integrated management information.

4. (Previously Presented) The video data file integrating method according to claim 3, further comprising:

converting at least one of file name information and directory name information of the video data files having the data format of the original un-integrated directory file structure into text information in the data format of the integrated management information file to be recorded.

5. (Previously Presented) The video data file integrating method according to claim 3, wherein the reproduction control information includes identification information for identifying the reproduction control information, and the method further comprising:

changing the identification information when the original un-integrated directory file structure is converted into the reproduction control information in the data format of the integrated management information file.

6. (Previously Presented) The video data file integrating method according to claim 5, wherein the identification information is text information provided to the reproduction control information.

7. (Previously Presented) The video data file integrating method according to claim 5, wherein the identification information is flag information provided to the reproduction control information.

8. (Currently Amended) An integrated video data file reproducing apparatus for reproducing an integrated video data file created by integrating original video data files and original management information files associated therewith having a data format of an original un-integrated directory file structure, into the integrated video data file and an integrated management information file, respectively, and the original un-integrated directory file structure is converted into reproduction control information, which is used in reproducing said integrated video data file and for recovering the original un-integrated directory file structure, in a data format of the integrated management information file,

wherein said apparatus reproduces said integrated video data file by utilizing the reproduction control information.

9. (Previously Presented) The integrated video data file reproducing apparatus according to claim 8, wherein at least one of file name information and directory name information of the original video data files having the data format of the original un-integrated directory file structure is converted into text information in the data format of the integrated management information file and is recorded, and the recorded text information is reproduced.

10. (Currently Amended) An integrated video data file reproducing method for reproducing an integrated video data file created by integrating original video data files and original management information files associated therewith having a data format of an original un-integrated directory file structure, into the integrated video data file and an integrated management information file, respectively, and the original un-integrated directory file structure is converted into reproduction control information, which is used in reproducing the integrated video data file and for recovering the original un-integrated directory file structure, in a data format of the integrated management information file, the method comprising:

reproducing the integrated video data file by utilizing the reproduction control information.

11. (Previously Presented) The integrated video data file reproducing method according to claim 10, wherein at least one of file name information and directory name information of the video data files having the data format of the original un-integrated directory file structure is converted into text information in the data format of the integrated management information file and is recorded, and the recorded text information is reproduced.

12. (New) The video data file integrating method according to claim 3, wherein the original video data files and the original management information files are stored under different directories in the original un-integrated directory structure, and the integrated management information file and the integrated video data file are located under a same directory.

13. (New) The integrated video data file reproducing method according to claim 10, further comprising:

reading the reproduction control information from the integrated management information file;

creating the un-integrated data file structure based on the reproduction control information read from the integrated management information file;

creating original video data files from the integrated video data file based on the reproduction control information; and

storing the created original video data files under directories in the created un-integrated data file structure.